

State of Kansas

Emergency Alert System Plan

STATE OF KANSAS
THE ADJUTANT GENERAL
DIVISION OF EMERGENCY MANAGEMENT
2800 SW TOPEKA BLVD.
TOPEKA, KANSAS 66611-1287

Revised June 1998

**EMERGENCY ALERT SYSTEM (EAS) CHECKLIST
FOR BROADCAST STATIONS AND CABLE SYSTEMS**

- _____ 1. Ensure all personnel are trained on EAS procedures and use of EAS equipment.
- _____ 2. Ensure EAS encoder/decoder equipment is installed and operating.
- _____ 3. Ensure that your station is monitoring the State Relay (SR), Local Primary (LP), Alternate Local Primary (LP-2), NOAA Station and etc. as assigned in the State EAS Plan and Local Area EAS Plan.
- _____ 4. Log receipt and transmission of weekly EAS test.
- _____ 5. Log receipt and retransmission of statewide monthly EAS test.
- _____ 6. Ensure EAS Operating Handbook is immediately available to the EAS operator.
- _____ 7. Ensure the Red Authenticator envelop is immediately available to the EAS operator (broadcasters only).
- _____ 8. Ensure that copies of the State EAS Plan and Local Area EAS Plan are immediately available to the EAS operator.
- _____ 9. Ensure that a copy of FCC EAS Rules and Regulations (Part 11) and, if appropriate, AM State Emergency Operation (Section 73.1250) is available to the EAS operator.

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CONCURRENCES

The below signatories concur with the contents of the Emergency Alert System Plan as prepared with the input of the Kansas Broadcasters, Cable System Operators, County Emergency Managers and the National Weather Service Office through the State Emergency Communication Committee.

Broadcast Chair, State Emergency
Communication Committee

(Date)

Cable Chair, State Emergency
Communication Committee

(Date)

Communications Systems Coord.
Kansas Div. of Emergency Management

(Date)

Chief, Compliance and Information (Date)
Bureau, Federal Communication Commission

Director
Kansas Div. of Emergency Management

(Date)

President
Kansas Emergency Management Association

(Date)

President/Executive Director
Kansas Association of Broadcasters

(Date)

President
Kansas Cable TV Association

(Date)

CONCURRENCES

The below signatories concur with the contents of the Emergency Alert System Plan as prepared with the input of the Kansas Broadcasters, Cable System Operators, County Emergency Managers and the National Weather Service Office through the State Emergency Communication Committee.

Meteorologist-Incharge (Date)
National Weather Service, Topeka, Kansas

Meteorologist-Incharge (Date)
National Weather Service, Wichita, Kansas

Meteorologist-Incharge (Date)
National Weather Service, Dodge City, Kansas

Meteorologist-Incharge (Date)
National Weather Service, Goodland, Kansas

Meteorologist-Incharge (Date)
National Weather Service, Hastings, Nebraska

Meteorologist-Incharge (Date)
National Weather Service, Kansas City, Missouri

Meteorologist-Incharge (Date)
National Weather Service, Springfield, Missouri

Purpose

The purpose of this document is to provide and explain procedures for the dissemination of emergency information by the appropriate broadcast, cable and government officials during threatened or actual emergencies.

Authority

Title 47 of the Code of Federal Regulations (CFR) deals with the Federal Communication Commission (FCC) Rules and Regulations. Part 11 of CFR Title 47 gives the authority for and regulates the operation of the Emergency Alert System.

Introduction

This plan was developed by the Kansas State Emergency Communication Committee; Kansas Division of Emergency Management; the Federal Communication Commission; the National Weather Service in Topeka, Wichita, Dodge City, Goodland, Hastings NE, Springfield MO. State and local officials; and the broadcasters and cable operators of Kansas. It provides background data and prescribes specific procedures for the broadcast and cable media to issue emergency information and warning to the general public in Kansas.

Acceptance of, or participation in, this plan shall not be deemed to prohibit a licensee or cable operator from exercising his independent discretion and responsibility in any given situation. The concept of management of each broadcast station or cable system to exercise discretion regarding the transmission of emergency messages and instructions to the general public is provided by the FCC Rules and Regulation, Part 11. Broadcast stations and cable systems originating emergency communications under this section have conferred rebroadcast authority of the other participating broadcast stations and cable systems that receive their emergency communication, as specified in Section § 11.54 (d) of FCC Part 11.

EAS Local Operational Area Plans will detail local EAS procedures agreed upon by the broadcasters, cable systems and local governments. These local EAS plans will be included as annexes to this plan.

General Considerations

The listening and viewing habits of the general public are inherent factors of consideration and are conducive to the positive effectiveness of the Kansas EAS. The instinctive reaction of the average person is to turn-on his/her radio or television set in time of emergency. However, continued public education is required to increase public awareness of the Kansas EAS network as an established medium for the receipt and/or distribution of emergency information to the general public at the Local, State and National levels.

Definitions

Emergency: A situation posing an extraordinary threat to the safety of life and property. Examples are, but not limited to, natural situations such as: tornadoes, flash floods, icing conditions, heavy snows, widespread fires; and man-made situations such as: discharge of toxic gases, widespread power failures, industrial explosions, civil disorders and nuclear incidents.

Severe Weather Watch: A severe weather WATCH indicates that the probabilities of a particular severe weather storm are high and is an alert to the public of such severe weather conditions.

Severe Weather Warning: A severe weather WARNING indicates that a particular severe weather storm has actually been sighted in an area or indicated by radar, and serves notice to the public that severe weather conditions are almost certain to occur.

Designated Government Officials: The person or persons designated as government signatory to this procedure to request activation of the EAS and to make emergency announcements (see Annex A).

National Primary (NP): Broadcast station that provide the Presidential or other national EAS activations and programming, including broadcast stations involved with the PEP system and EAN Networks.

Local Primary (LP): The local area broadcast station which provides the National, State and Local EAS message to the other broadcast stations and cable systems within its local area.

State Primary (SP): The primary broadcast station which transmits State of Kansas and National EAS messages. These messages can originate from the Governor or a designated representative or the National Weather Service. The EAS messages can be initiated in the State Emergency Operation Center (EOC) or from WIBW-FM radio station. Messages are sent via the Kansas Information Network (satellite) or the State Relay Network to the LP stations for further rebroadcast in the Local EAS Operational Area.

State Relay: A State Relay is an entity which receives and retransmits EAS activations. The entity serves as a link in the State Relay Network and assists transmitting a state activation to all Local EAS Areas.

Participating National (PN): Broadcast stations and cable systems which monitor either National, State or Local EAS message inputs and directly feed National EAS messages to the public.

Primary Entry Point (PEP): key broadcast stations throughout the U.S. which together can provide national emergency information in the event that the primary national alerting methods are inoperable.

Non-Participating National (NN): Broadcast station or cable system that has elected not to participate in the National-Level EAS and removes its carrier from the air if a National-Level activation occurs.

Concept of Operation

- A. Kansas EAS system uses the Kansas Information Network (KIN) satellite network to simultaneously communicate the National and/or State EAS message to the Local Primary stations. The KIN network is operated by WIBW-FM the State Primary.
- B. The State Relay (SR) network serves as a backup to the satellite network (see Annex D). The relay network is a web structure initiating from WIBW-FM and KTPK-FM stations. The network fans out across the state in four tiers or hops from one State Relay station to the next. Each SR station monitors at least one of the upper tier stations and rebroadcasts the EAS message. The State Relay or KIN supplies the National and State EAS messages to Local Primary Stations.

Methods of Access for System Activation

A. State Activation

Kansas EAS is activated by a request from authorized officials to the State's EAS State Primary (SP). The State Emergency Operation Center (EOC) and WIBW in Topeka are key with respect to activation of the EAS at the State level. State Relay stations monitor the SP in accordance to the Kansas EAS State Relay Network plan (see Annex H). The functioning of this network of state relay station is key to the successful dissemination of State level EAS emergency information.

B. Federal Activation

Access to the nationwide EAS network by Federal authorities is achieved by Federal interface with radio stations, television networks, participating subject cable systems, communications common carriers, wire services and other participating organizations. The Federal EAS message is sent to WHB-AM a Primary Entry Point (PEP) station which is monitored by WIBW-FM (SP) and KTPK-FM (SP-1). The Federal EAS message is then relayed to the Kansas public via the Kansas EAS Relay System.

C. County/Local Activation:

Operational area and/or individual counties EAS activation procedures are defined in the Local EAS plan. (Each local operational Area is encouraged to establish a Local EAS plan for use of the broadcast and cable media for distribution of emergency information to the general public.) The procedures contained in this document do not pertain to county or local governmental operations.

D. National Weather Service Activation:

Standard Operating Procedures (SOP) prescribe that the NWS notify KDEM of any watch or warning which affects all or part of the State of Kansas. This is accomplished by dissemination through the National Weather Wire Service and the state-side of the National Warning System (NAWAS). Although the likelihood of a statewide watch or warning may be slim, there may be occasions when a weather watch or warning would affect more than one EAS operational area.

Communication Links Between Kansas Division of Emergency Management, and the State Primary

1. Commercial telephone exists between the Kansas Division of Emergency Management, the broadcast and cable facilities of the state.

State Primary (SP) WIBW-FM	(Telephone numbers) (785) 272-3456 x450 (785) 272-3150
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Kansas Division of Emergency Management:	(785) 274-1422
Emergency Number (24 hr coverage)	(785) 296-3176

National Weather Service:

Dodge City	(316) 227-7140
Goodland	(785) 899-2360
Hastings, NE	(402) 462-2127
Kansas City, MO	(816) 540-5147
Springfield, MO	(417) 863-9124
Topeka	(785) 232-0814
Wichita	(316) 942-8483

2. A remote pickup unit (RPU) is available between the State Emergency Operating Center and WIBW-FM, Topeka. This provides wireless linkage between state government and EAS. This system covers both the studio and tower sites of WIBW FM.
3. The National Weather Service is authorized to make state level activation, but the bulk of the EAS activation will most likely take place at the local level.

Activation Procedures for Governor Designee

A. Procedures for State Activation

1. Request activation of the EAS facilities through the State Emergency Operations Center, using prearranged authentication procedures (see Annex C) as soon as possible.
2. Work out program details (i.e., live or recorded, immediate or delayed) with State Primary.
3. Authorized officials use the following format when delivering the emergency announcement. The format is deliberately general in nature to allow the uniqueness of each emergency situation, yet specific enough to insure completeness.
 - a. "This is _____ of _____
(name/title) (jurisdiction)
with a request to activate the Kansas Emergency Alert System. I authenticate
as follows: _____."
 - b. Situation summary (describe the nature of the emergency).
Tell the operator, the areas of the state to be alerted. (Note: Unless
otherwise instructed, the EAS message will be sent statewide.)

3. To avoid unnecessary escalation of public confusion, all broadcast stations and cable systems must be cautious in providing information and news pertaining to the emergency. All messages must be based on definite and confirmed facts. The public must not be left to decide what is or is not factual.
4. Upon completion of the above transmission procedures, resume normal programming. Appropriate notations should be made in station and cable records and logs of all significant events. These records should be carefully preserved in the event they are required at some later date (FCC Regulations, Section § 11.55). Stations and cable systems may send a very brief summary to the FCC for information purposes.
5. If operations were not concluded as specified in B.1.e. above, upon receipt of the termination notice from the activating official, make the following announcement and transmit the EOM code:
"THIS CONCLUDES OPERATIONS UNDER THE KANSAS EMERGENCY ALERT SYSTEM. ALL BROADCAST STATIONS AND CABLE SYSTEM MAY NOW RESUME NORMAL OPERATIONS."
(Repeat announcement).

C. Delivery of EAS Messages by Cable Operators.

1. The FCC requires all wired cable systems that serve 10,000 or more subscribers to install EAS equipment and provide EAS audio and video messages on all channels by December 31, 1998.
2. The FCC requires all wired cable systems that serve 5,000 or more, but fewer than 10,000 subscribers to install EAS equipment and provide EAS audio and video messages on all channels by October 1, 2002.
3. The FCC requires all wired cable systems that serve fewer than 5,000 subscribers either to provide the national level EAS message on all programmed channels - including the required testing - or to install EAS equipment and provide a video interrupt and audio alert on all programmed channels and EAS audio and video messages on at least one programmed channel by October 1, 2002.
4. The FCC requires that wireless cable systems participate in the EAS on the same basis as wired cable systems.
5. The FCC declines, however, to require participation by Satellite Master Antenna Television (SMATV) and Open Video Systems (OVS) in the EAS at this time.

D. Monthly Test

1. Statewide test of the Kansas Emergency Alert System:

The Required Monthly Test (RMT) monthly test is designed to check the State EAS Web links. The test is to be aired between 8:30 am and sunset on odd numbered months (i.e. Jan, Mar, May, Jul, Sep Nov.) and between sunset and 8:30 am on the even numbered months (i.e. Feb, Apr, Jun, Aug, Oct, Dec.). The Kansas Emergency Communication Committee has set forth that the RMT will be a state wide test. The RMT is prescheduled and will be initiated from WIBW-FM the SP. All stations need to re-broadcast the RMT as soon as possible but not later than 15 minutes after receipt. In Kansas all broadcasters are at most only one station away from a WIBW-FM/or a “KIN” affiliate. The RMT is scheduled for approximately 1:53 pm (odd numbered months) or 10:53 pm (even numbered months). This schedule should allow most stations the opportunity to send the test before the top of the hour and all other stations the opportunity to pass the RMT sometime during the allowed 15 minutes window.

Required Monthly Test Schedule

Second Tuesday of the month at 1:53 pm (odd numbered months)

Second Tuesday of the month at 10:53 pm (even numbered months)

2. The required monthly test audio must be aired as received and stored by your EAS unit. Stations should not send their own tests generated by their EAS unit. This will cause additional messages to be re-sent by stations monitoring you. It is important that all stations broadcast the same message so it will have the same “Header Code”. Duplicates of a previous message having the same header code “Day-Date-Time”, will not be re-broadcast by the EAS equipment.

3. The following test script is recommended for use during required monthly test. “THIS IS A COORDINATED MONTHLY TEST OF THE BROADCAST STATIONS OF YOUR AREA. EQUIPMENT THAT CAN QUICKLY WARN YOU DURING EMERGENCIES IS BEING TESTED. IF THIS HAD BEEN AN ACTUAL EMERGENCY SUCH AS (SERVER WEATHER WARNINGS: *INSERT TYPES OF EMERGENCIES THAT MAY OCCUR IN THE GEOGRAPHIC AREA*), OFFICIAL MESSAGES WOULD HAVE FOLLOWED THE ALERT TONE.

THIS CONCLUDES THIS TEST OF THE EMERGENCY ALERT SYSTEM. THIS STATION SERVES THE STATE OF KANSAS.”

4. Follow-up of a Failed Monthly Test

Upon discovering a failed test, you are required to call the transmitting station and discover the cause of the failed test. It is the responsibility of the stations on both ends of the link to ensure the EAS Monthly Test is transmitted and received successfully.

E. Weekly Test

1. The weekly test ensures that station to station links are up and running. Each station is required to originate and log their weekly test. Each station is also required to monitor and log receipt of weekly tests from both of their monitoring assignments. The print out should be attached to your station log for that day. A weekly test should be sent at various times of the day or night and should be sent on various days of the week including weekends.
 2. Follow-up of a Failed Weekly Test
Upon discovering a failed test, (i.e. weekly test not received), you are required to contact your monitoring source and discover the cause of the failed test. It is the responsibility of stations on both ends of the links to ensure the Weekly EAS Test is transmitted and received successfully.
6. Severe Weather Awareness Week
Early in March the National Weather Service and the County Emergency Management Coordinators gear up for Severe Weather Season. The Severe Weather Spotters attend training to review correct spotting techniques. The communication systems and warning system, such as the Tornado sirens and also the Emergency Alert System (EAS) are tested. The most assured way to check the EAS links is for the National Weather Service to send an agreed upon code during the state wide Tornado test. The National Weather Service is the lead agency for this test. The National Weather Service will with the Emergency Management Coordinator and broadcasters coordinate as to whether the test will be organized state wide or on a regional basis. Contact the National Weather Service Office that serves your area for specific information.

Reporting EAS System Changes or Problems

Any changes in the monitoring assignment need to be coordinated through the Kansas State Emergency Communication Committee. Problems receiving weekly and monthly test that are unable to resolved need to be reported to the KSECC with 30 days of occurrence. The KSECC needs to know where the EAS links are incomplete and will work to coordinating a solution. These concerns can be forwarded to the Kansas Division of Emergency Management, Attention the KSECC.

Plan Review Requirements

This plan recognizes that the components of the EAS network are dynamic in nature. Needs, facilities and technology all change with time. It is this change that requires periodic review of this plan to ascertain the adequacy and appropriateness of the various system parameters. The KSECC will (in conjunction with the Broadcasters, Cable System Operators, KDEM, FEMA, the FCC and other interested parties) review this plan every two years. Changes to the network configuration and/or this plan will be coordinated by the KSECC. All participants of Kansas EAS network will be advised of these changes. Any entity participating in this plan is invited to provide written feedback as desired.

ANNEX A

Officials Designated To Activate The Kansas Emergency Alert System (EAS)

Or Their Designee

Governor, State of Kansas

Director and Deputy Director, Kansas Division of Emergency Management

Meteorologist-Incharge, National Weather Service, Topeka

Meteorologist-Incharge, National Weather Service, Pleasant Hill, MO

Meteorologist-Incharge, National Weather Service, Wichita

Meteorologist-Incharge, National Weather Service, Dodge City

Meteorologist-Incharge, National Weather Service, Goodland

Meteorologist-Incharge, National Weather Service, Springfield, MO

Meteorologist-Incharge, National Weather Service, Hastings, NE

ANNEX B

STATE EMERGENCY COMMUNICATION COMMITTEE

CO-CHAIR

BROADCAST

MGMT

Robert Hilton
Box 104
Hiawatha, KS 66434

CABLE

Rob Marshall
908 W. 20 th Terrace
Lawrence, KS 66046-2812

KS DIV. OF EMERGENCY

Dale Kirmer
2800 SW Topeka
Topeka, KS 66611

LOCAL OPERATIONAL AREAS CHAIRS

COFFEYVILLE

John Leonard
KUSN-FM
KGGF-KUSN, Inc.
306 W 8th
Coffeyville, KS 67337

DODGE CITY

Ray Baum
KOLS-FM
LESSO, Inc.
908 W. Frontview
Dodge City, KS 67801

GREAT BEND

Dave Alexander
KVGB-FM
Eagle Communications
1200 Baker
Great Bend, KS 67530

LIBERAL

Stuart Melchert
KSCB-FM
Seward County Braodcasting, Co., Inc.
1600 E. 8th St.
Liberal, KS 67905

TRI-STATE

Lance Sayler
KKOW-FM
American Media Investments, Inc.
1162 E. Hwy. 126
Pittsburg, KS 66762

WICHITA

Cliff Koch
KFDI-FM
Great Empire Broadcasting, Inc.
4200 N. Old Lawrence RD
Wichita, KS 67219

COLBY

Roy Baum
KKCI-FM
Melia Communications
P.O. Box 569
3023 w 31st St.
Goodland, KS 67735

GARDEN CITY

Charlie Haile
KKJQ-FM
Western Kansas Wireless Inc.
1309 E. Fulton
Garden City, KS 67846

KANSAS CITY

Lloyd Collins
6025 Martway, Suite 112
Mission, KS 66202
(913) 362-7282

SALINA

Bill Ray
KSKG-FM
Eagle Communications. Inc.
1825 S. Ohio St.
Salina, KS 67401

TOPEKA

Ed O'Donald
WIBW-FM
Morris Communications
5600 W. 6th
Topeka, KS 66601
(785) 272-3456

ANNEX C

AUTHENTICATION PROCEDURES TO ACTIVATE THE KANSAS EAS

This Annex and its Appendix must be located/stored near the Access Control Operator (ACO) and be readily available for use.

Purpose

The procedures described herein are intended to (1) provide the State Primary with the means to identify the request officials authority to activate the statewide EAS network, (2) provide the State Primary with a mechanism that safeguards the integrity of the EAS network.,

Types of Authentication

The three types of authentication are: 1) Personal acquaintance and/or recognition, 2) Authentication code and 3) Encoded EAS message sent from the State EOC.

Use of Authentication Procedures

1. “Personal recognition” authentication is appropriate and adequate:
 - a. When the official requesting activation is face to face with the ACO.
 - b. When the ACO readily recognizes the identity of the requesting official.
2. “Authentication Code” authentication is the default method of verifying the requesting official’s authority to activate the EAS network. When the ACO is unable to verify the authority of the requesting official through the above method of authentication, the ACO must ask for (and receive) the correct authentication words (See Appendix 1, Annex C). Should the ACO receive an incorrect authentication word, the requesting official will be denied access/activation of the EAS network.
3. If the EAS message is sent via the assigned monitoring station, (i.e. Kansas Emergency Operations Center via Remote Pick Up (RPU), National Weather Service or National Primary), it is assumed to be a closed system, no further authentication is necessary.

Termination

Authentication procedures apply for both activation and termination of the EAS network.

ANNEX C

APPENDIX 1

AUTHENTICATION CODE LIST

The authentication words are to be used for activation and termination of Local EAS Operations.

1998	
Month	Authentication Code
January	Papa Echo
February	November November
March	Sierra Yankee
April	Lima Victor
June	Alpha November
July	Echo Mike
August	Echo Romeo
September	Golf Echo
October	November Charlie
November	Yankee Mike
December	Alpha Golf

The current list will be provided on a need to know basis.

ANNEX D

KANSAS STATE EAS BROADCAST STATION INFORMATION

<u>Station Type</u>	<u>Frequency</u>	<u>City of License</u>	<u>FIPS Code</u>	
KABI	AM	1560	Abilene	20011
KALN	AM	1370	Iola	20001
KANR	FM	92.7	Wichita (Belle Plaine)	20191
KANS	FM	92.9	Emporia (Emporia)	20111
KANU	FM	91.5	Lawrence	20045
KANZ	FM	91.1	Garden City	20055
KAYS	AM	1400	Hays	20051
KAYY	FM	98.7	Wichita (Clearwater)	20173
KBBE	FM	96.7	McPherson	20113
KBCU	FM	88.1	North Newton	20079
KBLS	FM	102.5	Abilene (North Fort Riley)	20061
KBUF	AM	1030	Garden City (Holcomb)	20055
KBUZ	FM	90.3	Topeka	20177
KCAY	FM	95.9	Russell	20167
KCAZ	AM	1480	Kansas City (Mission)	20091
KCCV	FM	92.3	Overland Park (Olathe)	20091
KCCV	AM	760	Overland Park	20091
KCFN	FM	91.1	Wichita	20173
KCHZ	FM	95.7	Kansas City, Overland Park	20091
KCKS	FM	95.3	Concordia	20029
KCLY	FM	100.9	Clay Center	20027
KCMO	AM/FM	710/94.9	Westwood (Kansas City, MO)	
KCNW	AM	1380	Kansas City (Fairway)	20091
KCVS	FM	90.7	Salina	20169
KCVT	FM	92.5	Silver Lake	20177
KCVW	FM	94.3	Wichita	20173
KDCC	AM	1550	Dodge City	20057
KDDM	FM	105.7	Herington	20041
KDGS	FM	93.9	Wichita (Andover)	20015
KDNS	FM	94.1	Glen Elder (Downs)	20141
KDVV	FM	100.3	Topeka	20177
KEOJ	FM	101.1	Caney	20125
KERE	FM	93.7	Atchison (Horton)	20013
KERE	AM	1470	Atchison	20005
KEYN	FM	103.7	Wichita	20173
KFDI	AM/FM	1070/101.3	Wichita	20173
KFEZ	AM	1340	Overland Park (KC, MO)	20091
KFFX	FM	104.9	Emporia	20111

ANNEX D

KANSAS STATE EAS BROADCAST STATION INFORMATION

<u>Station Type</u>		<u>Frequency</u>	<u>City of License</u>	<u>FIPS Code</u>
KFH	AM	1330	Wichita	20173
KFKF	FM	94.1	Kansas City, MO (KC, KS)	20209
KFLA	AM	1310	Garden City (Scott City)	20171
KFNF	FM	101.1	Oberlin	20039
KFRM	AM	550	Glen Elder (Salina)	20169
KFXX	FM	106.7	Ulysses (Hugoton)	20189
KGCR	FM	107.7	Goodland	20181
KGGF	AM	690	Coffeyville	20125
KGGG	FM	94.7	Hutchinson (Sterling)	20159
KGLS	FM	93.1	Hutchinson (Pratt)	20151
KGNO	AM	1370	Dodge City	20057
KGTR	FM	96.7	Larned	20145
KHAZ	FM	99.5	Hays	20051
KHCA	FM	95.3	Manhattan (Wamego)	20149
KHCC	FM	90.1	Hutchinson	20155
KHCD	FM	89.5	Hutchinson (Salina)	20169
KHCT	FM	90.9	Hutchinson (Great Bend)	20009
KHOK	FM	100.7	Great Bend (Hosington)	20009
KHUT	FM	102.9	Hutchinson	20155
KHYM	FM	103.9	Meade	20119
KIBN	FM	90.7	Wichita	20173
KICT	FM	95.1	Wichita	20173
KIKS	FM	99.3	Iola	20001
KILS	FM	92.7	Salina (Minneapolis)	20143
KINA	AM	910	Salina	20169
KIND	AM/FM	1010/101.7	Independence	20125
KIUL	AM	1240	Garden City	20055
KJCK	AM/FM	1420/94.5	Junction City	20061
KJHK	FM	90.7	Lawrence	20045
KJIL	FM	99.1	Meade (Copeland)	20069
KJLS	FM	103.3	Hays	20051
KJML	FM	105.3	Joplin, MO (Columbus)	20021
KJRG	AM	950	Newton	20079
KJTY	FM	88.1	Topeka	20177
KKAN	AM	1490	Phillipsburg	20147
KKCI	FM	102.5	Goodland	20181
KKJQ	FM	97.3	Garden City	20055
KKLE	AM	1550	Winfield	20035

ANNEX D

KANSAS STATE EAS BROADCAST STATION INFORMATION

<u>Station Type</u>	<u>Frequency</u>	<u>City of License</u>	<u>FIPS Code</u>	
KKLO	AM	1410	Leavenworth	20103
KKOW	AM/FM	860/96.9	Pittsburg	20037
KKOY	AM/FM	1460/105.5	Chanute	20133
KKQY	FM	101.9	Hays	20051
KKRD	FM	107.3	Wichita	20173
KKSU	AM	580	Manhattan	20161
KLDG	FM	102.7	Liberal	20175
KLEY	AM	1130	Wellington	20191
KLKC	AM/FM	1540/93.5	Parsons	20099
KLLS	FM	104.5	Wichita	20173
KLOE	AM	730	Goodland	20181
KLTH	FM	99.7	Westwood (Kansas City, MO)	
KLWN	AM	1320	Lawrence	20045
KLZR	FM	105.9	Lawrence	20045
KMAJ	AM\FM	1440/107.7	Topeka	20177
KMAN	AM	1350	Manhattan	20161
KMBZ	AM	980	Westwood (Kansas City, MO)	
KMDO	AM	1600	Fort Scott	20011
KMKF	FM	101.5	Manhattan	20161
KMOQ	FM	107.1	Joplin, MO (Baxter Springs)	
KMUW	FM	89.1	Wichita	20173
KMYR	AM	1410	Wichita	20173
KMZA	FM	92.1	Seneca	20131
KNBU	FM	89.7	Baldwin City	20045
KNCK	AM	1390	Concordia	20029
KNDY	AM/FM	1570/103.1	Marysville	20117
KNGL	AM	1540	McPherson	20113
KNGM	FM	91.9	Emporia	20111
KNHN	AM	1340	Kansas City, KS	20209
KNNS	AM	1510	Larned	20145
KNSS	AM	1240	Wichita	20173
KNZA	FM	103.9	Hiawatha	20013
KOEZ	FM	92.3	Newton	20079
KOFO	FM	1220	Ottawa	20059
KOLS	FM	95.5	Dodge City	20057
KOMB	FM	103.9	Fort Scott	20011
KONQ	FM	91.9	Dodge City	20057
KOTE	FM	93.5	Eureka	20073

ANNEX D

KANSAS STATE EAS BROADCAST STATION INFORMATION

<u>Station Type</u>	<u>Frequency</u>	<u>City of License</u>	<u>FIPS Code</u>	
KPHN	AM	1190	Kansas City (Pittsburg)	20037
KPRD	FM	88.9	Hays	20051
KQAM	AM	1480	Wichita	20173
KQLA	FM	103.5	Manhattan (Ogden)	20161
KQLS	FM	100.3	Colby	20193
KQMA	FM	92.5	Phillipsburg	20147
KQNK	AM/FM	1530/106.7	Norton	20137
KQNS	FM	95.5	Salina (Lindsborg)	20113
KQRC	FM	98.9	Shawnee Mission (Leavenworth)	20103
KQTP	FM	102.9	Topeka (St. Marys)	20117
KRBB	FM	97.9	Wichita	20173
KREJ	FM	101.7	Medicine Lodge	20007
KREP	FM	92.1	Belleville	20157
KRPS	FM	89.9	Pittsburg (Weir)	20021
KRSL	AM	990	Russell	20167
KRZZ	FM	96.3	Wichita (Derby)	20173
KSAJ	FM	98.5	Abilene	20041
KSAL	AM	1150	Salina	20169
KSCB	AM/FM	1270/107.5	Liberal	20175
KSDB	FM	91.9	Manhattan	20161
KSEK	AM/FM	1340/99.1	Pittsburg (Girard)	20037
KSGL	AM	900	Wichita	20173
KSKG	FM	99.9	Salina	20169
KSKL	FM	94.5	Garden City (Scott City)	20171
KSKU	FM	106.1	Hutchinson (Lyons)	20159
KSKZ	FM	99.9	Garden City (Leoti)	20203
KSLS	FM	101.5	Liberal	20175
KSNP	FM	95.3	Burlington	20031
KSOK	AM/FM	1280/107.9	Winfield (Arkansas City)	20035
KSPG	FM	98.7	Wichita (Clearwater)	20173
KSRX	AM	1360	El Dorado	20015
KSWC	FM	100.3	Winfield	20035
KTCC	FM	91.9	Colby	20193
KTCM	FM	96.7	Kingman	20095
KTJO	FM	88.9	Ottawa	20059
KTLI	FM	99.1	Wichita (El Dorado)	20015
KTOP	AM	1490	Topeka	20177
KTPK	FM	106.9	Topeka	20177

ANNEX D

KANSAS STATE EAS BROADCAST STATION INFORMATION

<u>Station Type</u>	<u>Frequency</u>	<u>City of License</u>	<u>FIPS Code</u>	
KUDL	FM	98.1	Kansas City, MO (KC, KS)	20209
KULY	AM	1420	Ulysses	20067
KUSN	FM	98.9	Coffeyville	20125
KVCO	FM	88.3	Concordia	20029
KVCY	FM	104.7	Fort Scott	20011
KVGB	AM/FM	1590/104.3	Great Bend	20009
KVOE	AM/FM	1400/101.7	Emporia	20111
KVSV	AM/FM	1190/105.5	Beloit	20123
KWBW	AM	1450	Hutchinson	20155
KWIC	FM	99.3	Topeka	20173
KWLS	AM	1290	Pratt	20151
KWME	FM	93.5	Wellington	20191
KWXD	FM	103.5	Pittsburg (Asbury, MO)	20037
KXBZ	FM	104.7	Manhattan	20161
KXLK	FM	105.3	Wichita (Haysville)	20173
KXTR	FM	96.5	Kansas City, KS (KC,MO)	
KXXX	AM	790	Colby	20193
KYBD	FM	98.1	Garden City (Copeland)	20069
KYEZ	FM	93.7	Salina	20169
KYFW	FM	88.3	Derby (Wichita)	20173
KYQQ	FM	106.5	Wichita (Arkansas City)	20035
KYUU	AM	1470	Liberal	20175
KZBZ	FM	104.9	Salina	20169
KZLS	FM	107.9	Great Bend	20009
KZNA	FM	90.5	Garden City (Hill City)	20065
KZSN	FM	102.1	Wichita (Hutchinson)	20155
KZSN	AM	1480	Wichita	20173
WDAF	AM	610	Kansas City (Kansas City, MO)	
WHB	AM	810	Westwood (Kansas City, MO)	
WIBW	AM/FM	580/97.3	Topeka	20177

ANNEX D

KANSAS STATE EAS TELEVISION STATIONS INFORMATION

<u>Station</u>	<u>Station</u>	<u>Frequency</u>	<u>City of License</u>	<u>FIPS Code</u>
KAKE	TV	10	Wichita	20173
KBSD	TV	6	Dodge City (Ensign)	20057
KBSH	TV	7	Hays	20051
KBSL	TV	10	Goodland	20181
KCTV	TV	5	Fairway (Kansas City, MO)	
KLBY	TV	4	Colby	20193
KMCI	TV	38	Lawrence	20045
KOAM	TV	7	Pittsburg	20037
KOOD	TV	9	Bunker Hill (Hays)	20051
KSWK	TV	3	Bunker Hill (Lakin)	20093
KPTS	TV	8	Wichita (Hutchinson)	20155
KSAS	TV	24	Wichita	20173
KAAS	TV	18	Wichita (Salina)	20169
KSMO	TV	62	Kansas City (Kansas City, MO)	
KSNC	TV	2	Great Bend	20009
KSNG	TV	11	Garden City	20055
KSNK	TV	8	Oberlin (McCook, NE)	20039
KSNT	TV	27	Topeka	20177
KSNW	TV	3	Wichita	20173
KTKA	TV	49	Topeka	20177
KTWU	TV	11	Topeka	20177
KUPK	TV	13	Garden City	20055
KWCH	TV	12	Wichita (Hutchinson)	20155
WIBW	TV	13	Topeka	20177

ANNEX E

KANSAS STATE EAS CABLE SYSTEM INFORMATION

<u>City</u>	<u>Cable System</u>	<u>Telephone Number</u>	<u>FIPS Codes</u>
<u>(To Be Published)</u>			

ANNEX F

Kansas County Federal Information Processing Standard (FIPS) Codes

<u>County</u>	<u>FIPS Code</u>				
Allen	20001	Hamilton	20075	Pottawatomie	20149
Anderson	20003	Harper	20077	Pratt	20151
Atchison	20005	Harvey	20079	Rawlins	20153
Barber	20007	Haskell	20081	Reno	20155
Barton	20009	Hodgeman	20083	Republic	20157
Bourbon	20011	Jackson	20085	Rice	20159
Brown	20013	Jefferson	20087	Riley	20161
Butler	20015	Jewell	20089	Rooks	20163
Chase	20017	Johnson	20091	Rush	20165
Chautauqua	20019	Kearny	20093	Russell	20167
Cherokee	20021	Kingman	20095	Saline	20169
Cheyenne	20023	Kiowa	20097	Scott	20171
Clark	20025	Labette	20099	Sedgwick	20173
Clay	20027	Lane	20101	Seward	20175
Cloud	20029	Leavenworth	20103	Shawnee	20177
Coffey	20031	Lincoln	20105	Sheridan	20179
Comanche	20033	Linn	20107	Sherman	20181
Cowley	20035	Logan	20109	Smith	20183
Crawford	20037	Lyon	20111	Stafford	20185
Decatur	20039	McPherson	20113	Stanton	20187
Dickinson	20041	Marion	20115	Stevens	20189
Doniphan	20043	Marshall	20117	Sumner	20191
Douglas	20045	Meade	20119	Thomas	20193
Edwards	20047	Miami	20121	Trego	20195
Elk	20049	Mitchell	20123	Wabaunsee	20197
Ellis	20051	Montgomery	20125	Wallace	20199
Ellsworth	20053	Morris	20127	Washington	20201
Finney	20055	Morton	20129	Wichita	20203
Ford	20057	Nemaha	20131	Wilson	20205
Franklin	20059	Neosho	20133	Woodson	20207
Geary	20061	Ness	20135	Wyandotte	20209
Gove	20063	Norton	20137		
Graham	20065	Osage	20139		
Grant	20067	Osborne	20141		
Gray	20069	Ottawa	20143		
Greeley	20071	Pawnee	20145		
Greenwood	20073	Phillips	20147		

ANNEX G

KANSAS EAS EVENT CODES

Administrative Message	ADR
Blizzard Warning	BZW
Civil Emergency Warning	CEW
Closed Circuit Test	CCT
Earth Quake Statement	EQS
Emergency Action Notification (National Only)	EAN
Emergency Action Termination (National Only)	EAT
Environmental Warning	ENW
Evacuation Test Message	EVX
Evacuation Immediate	EVI
Evacuation Warning	EVW
Fire Warning	FRW
Fire Text Message	FRX
Flash Flood Statement	FFS
Flash Flood Warning	FFW
Flash Flood Watch	FFA
Flood Statement	FLS
Flood Warning	FLW
Flood Watch	FLA
Fog Warning	FOW
Gas Leak Emergency	GLE
High Wind Warning	HWW
High Wind Watch	HWA
Icy Road Warning	IRW
Industrial Plant Warning	IPW
Law Enforcement Emergency	LEE
Limited Visibility	LVA
Local Area Advisory	LAA
Local Area Emergency	LAE
National Periodic Test	NPT
National Information Center	NIC
Nuclear Plant Warning	NUW
Nuclear Plant Test	NUT
Practice/Demo Warning	DMO
Radiological Emergency	RDE
Railroad Emergency	RRE
Required Monthly Test	RMT
Required Weekly Test	RWT

School Closing Emergency	SCE
Severe Weather Statement	SVS
Severe Thunderstorm Warning	SVR
Severe Thunderstorm Watch.....	SVA
Shelter in Place Advisory.....	SIP
Special Weather Statement.....	SPS
State Advisory	STA
State Emergency.....	STE
State Priority Activation.....	STA
State Test.....	STT
Tornado Warning	TOR
Tornado Watch.....	TOA
Toxic Spill Emergency.....	TSE
Winter Storm Watch	WSA
Winter Storm Warning.....	WSW
911 Telephone Outage Emergency.....	TOE

These are suggested Event Codes by the Kansas Emergency Communication Committee. However, the EAS encoder/decoder equipment is only programed with the FCC approved Event Code list.

ANNEX H

NATIONAL & STATE EAS WARNING RELAY NETWORK

The EAS encoder/decoder at WIBW would always pass along National warning 24 hours a day. The State warnings will be coordinated through WIBW. KTPK will be the alternate State Primary (SP-2). State test will be coordinator through the SECC Broadcast Chairman and initiated by WIBW (FM). Kansas Information Network (KIN) is controlled by WIBW (FM) on Topeka.

ANNEX I

KANSAS EAS OPERATIONAL AREAS

Kansas EAS Monitoring Assignments

1. State Primary (SP)
WIBW FM
2. State Relay (SR)
Land Based Relay Network

The backbone of the Kansas EAS System is the Kansas Information Network (KIN) satellite system. The State Relay (SR) Network serves as a back up to the KIN system. KTPK-FM monitors WIBW-FM and WHB-AM as the Alternate State Primary (SP-2). KTPK-FM serves as the initiating station for the State Relay Network. The State Relay Network operates in levels referred to as tiers. Each tier retransmits the EAS message to the next. Each broadcast station in the State Relay Network should monitor the highest tiered station, this will ensure the most timely transmission of the EAS message.

1. KTPK-FM, Topeka is the back-up State Primary
2. KJCK-FM, Junction City or KSAJ-FM, Abilene / KBLS-FM, North Fort Riley
3. KYEZ-FM or KSKG-FM, Salina
4. KZLS-FM, Great Bend or KGLS-FM, Hutchinson or KOEZ-FM, Newton
5. KJLS-FM, Hays or KOLS-FM, Dodge City or KFDI-FM, Wichita
6. KKQY-FM, Hill City or KKJQ-FM/KYBD-FM, Garden City or KYQQ-FM, Wichita
7. KQLS-FM, Colby or KSLS-FM, Liberal or KGGF-FM/KUSN-FM, Coffeyville

Refer to the State Relay Network chart on page I-5.

Southeast Kansas Stations in the Tri-State Area:

Your number 1 national EAS input is your KIN Card or KKOW-FM.

Your number 2 national EAS input is KMXL-AM or KOMB-FM in Carthage, Missouri.

Stations in the Tri-State are who can not pick up KOMB-FM should monitor KRPS-FM in Pittsburg.

Stations in Southeast Kansas that are outside the Tri-State area who can not pick up KKOW-FM should monitor KRPS-FM in Pittsburg.

This plan only provides the two required EAS monitoring assignments, which provide the state monthly test and the national alert message.

Every station in Kansas who is not hooked up to KIN should monitor a KIN station as their first required EAS message input. Their second EAS input shall be one of the State Relay Network Stations. This provides the required two national EAS inputs.

Kansas broadcasters are encouraged to monitor other EAS input...primarily the National Weather Service and other stations in their area.

It is suggested that each station think about and plan for the worst case weather and local emergency possibilities and then pick other sources to monitor accordingly.

3. Satellite Based Relay Network
Kansas Information Network (KIN) Subscribers

<u>Station Location</u>	<u>Station Call Sign</u>		<u>City of License</u>
Abilene	KABI AM	KSAJ FM	Abilene
	KBLS FM		North Fort Riley
Arkansas City	KSOK AM		Arkansas City
	KSOK FM		Winfield
Atchison	KAIR AM		Atchison
	KAIR FM		Horton
Beloit	KVSV AM	KVSV FM	Beloit
Chanute	KKOY AM	KKOY FM	Chanute
Clay Center	---	KCLY FM	Clay Center
Coffeyville	KGGY AM	KUSN FM	Coffeyville
Concordia	KNCK AM	KCKS FM	Concordina
Emporia	KVOE AM	KVOE FM	Emporia
Eureka	---	KOTE FM	Eureka
Fort Scott	KMDO AM	KOMB FM	Fort Scott
Garden City	KBUF AM	KKJQ FM	Garden City
	KYBD FM		Copeland
Garden City	KIUL AM	KSKZ FM	Garden City
Goodland	KLOE AM	KKCI FM	Goodland
Great Bend	KVGB AM	KVGB FM	Great Bend
	KHOK FM		Hosington
Hays	KAYS AM	KHAZ FM	Hays
Hiawatha	---	KNZA FM	Hiawatha
	KMZA FM		Seneca
Hutchinson	---	KSKU FM	Lyons
	KGGG FM		Sterling
Hutchinson	KWBW AM	KHUT FM	Hutchinson
Independence	KIND AM	KIND FM	Independence
Junction City	KJCK AM	KJCK FM	Junction City
Larnard	KANS AM	KGTR FM	Larnard
Lawrence	KLWN AM	KLZR FM	Lawrence
Lawrence	---	KANU FM	Lawrence
Liberal	KSCB AM	KSCB FM	Liberal
Manhattan	KMAN AM	KMKF FM	Manhattan
Marysville	KNDY AM	KNDY FM	Marysville
McPherson	KNGL AM	KBBE FM	McPherson
Newton	KJRG AM	KOEZ FM	Newton
Norton	KQNK AM	KQNK FM	Norton
Osage City	---	KANS FM	Osage City
Ottawa	KOFO AM	---	Ottawa
Phillipsburg	KKAN AM	KQMA FM	Phillipsburg
Pittsburg	KKOW AM	KKOW FM	Pittsburg
Russell	KRSL AM	KCAY FM	Russell
Salina	KINA AM	KSKG FM	Salina
Salina	KSAL AM	KYEZ FM	Salina
Scott City	KFLA AM	KSKL FM	Scott City
Ulysses	KULY AM		Ulysses
	KFXX FM		Hugoton
Wellington	KLEY AM	KWME FM	Wellington

Satellite Based Relay Network

Kansas Information Network (KIN) Subscribers

<u>Station Location</u>	<u>Station Call Sign</u>	<u>City of License</u>
Wichita	KNSS AM	Wichita
	KRZZ FM	Derby
Wichita	KFN AM	Wichita
	KRBB FM	Wichita
Winfield	KKLE AM	Winfield

	KKRD FM	
	KQAM AM	
	KEYN FM	
	KZLK FM	

Local Primary Assignments

4. Local Operational Areas

Local Primary (LP-1) Stations are the focal point for the radio and television stations and cable systems to monitor in a local operational area. In the event the LP-1 is off the air the alternate Local Primary (LP-2) Stations will serve as the focal point of information for the local operational area.

<u>Local Operational Area</u>	<u>LP-1</u>	<u>LP-2</u>
Coffeyville	KUSN-FM	KGGF-FM
Colby	KKCI-FM	KQLS-FM
Dodge City	KOLS-FM	KGNO-AM
Garden City	KKJQ-FM	KSKZ-FM
Great Bend	KVGB-FM	KZLS-FM
Kansas City	KCMO-FM	KFKF-FM
Liberal	KSCB-FM	KSLS-FM
Salina	KSKG-FM	KSAJ-FM
Tri-State	KKOW-FM	KRPS-FM
Topeka	WIBW-FM	KTPK-FM
Wichita	KFDI-FM	KEYN-FM

Station Monitoring Assignments

Station	City of License	Monitoring Assignment	
		#1	#2
Coffeyville Operational Area			
KALN AM	Iola	KKOY FM	KKOW FM
KEOJ FM	Caney	KGGF FM	See Oklahoma State Assignment
KGGF AM	Coffeyville	KIN	KKOW FM
KIKS FM	Iola	KKOY FM	KKOW FM
KIND AM/FM	Independence	KIN	KGGF FM
KKOY AM/FM	Chanute	KIN	KKOW FM
KUSN FM	Coffeyville	KIN	KKOW FM
Colby Operational Area			
KBSL TV	Goodland	KHAZ FM	KZLS FM KBS net line/studio in Hays
KFNF FM	Oberlin	KKCI FM	KQLS-FM
KGCR FM	Goodland	KKCI FM	KQLS FM
KKCI FM	Goodland	KIN	KQLS FM
KLBY TV	Colby	KKCI FM	KQLS FM - KAKE TV net feed
KLOE AM	Goodland	KIN	KQLS FM
KQLS FM	Colby	KKCI FM	KANZ FM Garden City Translator at 88.9
KQNK AM/FM	Norton	KIN	KQLS FM or KFNF FM
KSNK TV	(McCook Neb.)	KPNE FM	KFNF FM or KSKG FM
KTCC FM	Colby	KKCI FM	KQLS FM
KXXX AM	Colby	KKCI FM	KANZ FM Garden City Translator at 88.9
KZNA FM	Hill City	see KANZ of Garden City for assignments	
Dodge City Operational Area			
KBSD TV	Ensign	KKJQ/KYDB	KOLS FM/ KSB TV net
KDCC AM	Dodge City	KKJQ/KYBD	KOLS FM + KVGB
KGLS FM	Pratt/ Hutchinson	KHUT FM	KYEZ FM
KGNO AM	Dodge City	KKJQ/KYBD	KZLS FM
KGTR FM	Larned	KIN	KZLS FM
KHYM FM	Dodge City	KKJQ FM	KQLS FM
KJIL FM	Copeland/Meade	KYBD FM	KOLS FM
KNNS AM	Larned	KIN	KZLS FM
KOLS FM	Dodge City	KKJQ/KYBD	KZLS FM
KONQ FM	Dodge City	KKJQ/KYBD	KOLS FM + KVGB
KREJ FM	Medicine Lodge	KHUT FM	KGLS FM
KWLS AM	Pratt	KHUT FM	KGLS FM
KYBD FM	Copeland	KIN	KOLS FM
Garden City Operational Area			
KANZ FM	Garden City	KKJQ FM	KOLS FM
KBUF AM	Garden City	KIN	KOLS
KFLA AM	Scott City	KIN	KOLS
KIUL AM	Garden City	KIN	KOLS
KKJQ FM	Garden City	KIN	KOLS
KSKL FM	Scott City	KIN	KOLS
KSKZ FM	Leoti	KIN	KOLS
KSNG TV	Garden City	KKJQ FM	KOLS FM KSN TV net line
KSWK TV	Lakin	KKJQ FM	KOLS FM
KUPK TV	Garden City	KKJQ FM	KOLS FM KAKE TV net line

Station Monitoring Assignments

		Monitoring Assignment	
Station	City of License	#1	#2
Great Bend Operational Area			
KAYS AM	Hays	KIN	KZLS FM
KBSH TV	Hays	KHAZ FM	KZLS FM
KCAY AM	Russell	KIN	KZLS FM
KHAZ FM	Hays	KIN	KZLS FM
KHCT FM	Great Bend	see KHCC Hutchinson	
KHOK FM	Hosington	KIN	KSKG FM
KJLS FM	Hays	KHAZ FM	KZLS FM
KKAN AM	Phillipsburg	KIN	KJLS FM
KKQY FM	Hays	KVGB FM	KZLS FM
KOOD TV	Hays	KHAZ FM	KZLS FM
KPRD FM	Hays	KHAZ FM	KJLS FM
KQMA FM	Phillipsburg	KIN	KJLS FM
KRSL FM	Russell	KIN	KSKG FM
KSNC TV	Great Bend	KVGB FM	KZLS FM
KVGB AM/FM	Great Bend	KIN	KSKG FM
KZLS FM	Great Bend	KVGB FM	KYEZ FM
Kansas City Operational Area			
KCAZ AM	Mission	*	WIBW FM
KCCV FM	Olathe	*	WIBW FM
KCCV AM	Overland Park	*	WIBW FM
KCHZ FM	Kansas City	*	WIBW FM
KCMO AM/FM	Westwood, MO	*	WIBW FM
KCNW AM	Fairway	*	WIBW FM
KFEZ AM	Kansas City	*	KIN
KFKF FM	Kansas City	*	WIBW FM
KKLO AM	Leavenworth	*	WIBW FM
KLTH FM	Westwood, MO	*	WIBW FM
KMBZ FM	Westwood, MO	*	WIBW FM
KNHN AM	KC, KS	*	WIBW FM
KPHN AM	KC, MO	*	WIBW FM
KQRC FM	Leavenworht	*	KTPK FM
KUDL FM	Kansas City	*	KIN
KXTR FM	KC, KS	*	WIBW FM
WDAF AM	KC, MO	*	WIBW FM
WHB AM	Westwood, MO	*	WIBW FM
* First assignment for Kansas City EAS Operational Area station is WHB AM or WDAF AM.			
Liberal Operational Area			
KFXX FM	Hugoton	KIN	KKJQ FM
KLDG FM	Liberal	KIN	KYBD FM
KSCB AM/FM	Liberal	KIN	KYBD FM
KSLS FM	Liberal	KSCB FM	KYBD FM
KULY AM	Liberal	KIN	KKJQ FM
KYUU FM	Liberal	KSCB FM	KYBD FM
Salina Operational Area			
KABI AM	Abilene	KIN	KTPK FM
KBLS FM	North Ft. Riley	KIN	KTPK FM

Station Monitoring Assignments

Station	City of License	<u>Monitoring Assignment</u>	
		#1	#2
KCKS FM	Concordia	KIN	KSKG FM
KCLY FM	Clay Center	KIN	KTPK FM
KCVS FM	Salina	KSKG FM	KJCK FM
KDNS FM	Downs/Glen Elder	KVSV FM	KZLS FM
KFRM AM	Salina	KIN	KTPK FM
KHCD FM	Hutchinson(Salina)	KCKS FM	KTPK FM
KILS FM	Salina (Mineapolis)	KCKS FM	KTPK FM
KINA AM	Salina	KIN	KTPK FM
KJCK AM/FM	Junction City	KIN	KTPK FM
KKSU AM	Manhattan	WIBW FM	KTPK FM
KMAN AM	Manhattan	KIN	KTPK FM
KMKF FM	Manhattan	KIN	KTPK FM
KNCK AM	Concordia	KIN	KSKG FM
KQLA FM	Ogden	WIBW FM	KTPK FM
KQNS FM	Lindsborg	KYEZ FM	KSAJ FM
KREP FM	Belleville	KCKS FM	KJCK FM
KSAJ FM	Abilene	KIN	KTPK FM
KSAL AM	Salina	KIN	KTPK FM
KSDB FM	Manhattan	WIBW FM	KTPK FM
KSKG FM	Salina	KIN	KTPK FM
KVCO FM	Concordia	KCKS FM	KVSV FM
KVSV AM/FM	Beloit	KIN	KYEZ FM
KXBB FM	Manhattan	KIN	KTPK FM
KYEZ FM	Salina	KIN	KTPK FM
KZBZ FM	Salina	KIN	KTPK FM
Tri-State Operational Area			
KJML FM	Columbus	KKOW FM	KMXL FM - Carthage Mo.
KKOW FM	Pittsburg	KIN	KMXL FM - Carthage Mo.
KLKC AM/FM	Parsons	KKOW FM	KMXL FM - Carthage Mo.
KMDO AM	Fort Scott	KIN	KMXL FM - Carthage, Mo.
KMOQ FM	Baxter Springs	KKOW FM	KMXL FM - Carthage Mo.
KOAM TV	Pittsburg	KKOW FM	KMXL FM - Carthage Mo.
KOMB FM	Fort Scott	KIN	KMXL FM - Carthage, Mo.
KRPS FM	Pittsburg	KKOW FM	KMXL FM - Carthage Mo.
KSEK FM	Girard	KKOW FM	KMXL FM - Carthage Mo.
KSEK AM	Pittsburg	KKOW FM	KMXL FM - Carthage Mo.
KVCY FM	Fort Scott	KOMB FM	KMXL FM - Carthage, Mo.
KWXD FM	Pittsburg	KKOW FM	KMXL FM - Carthage Mo.

Station Monitoring Assignments

Station	City of License	Monitoring Assignment	
		#1	#2
Topeka Operational Area			
KAIR AM/FM	Atchison	KIN	KTPK FM
KANS FM	Osage City	KIN	KTPK FM
KANU FM	Lawrence	KIN	KTPK FM
KBUZ FM	Topeka	WIBW FM	KTPK FM
KCVT FM	Silver Lake	WIBW FM	KTPK FM
KDVV FM	Topeka	WIBW FM	KTPK FM
KFFX FM	Emporia	KIN	KTPK FM
KHCA FM	Wamego	WIBW FM	KTPK FM
KJHK FM	Lawrence	WIBW FM	KTPK FM
KJTY FM	Topeka	WIBW FM	KTPK FM
KLWN AM	Lawrence	KIN	KTPK FM
KLZR FM	Lawrence	KIN	KTPK FM
KMAJ AM/FM	Topeka	WIBW FM	KTPK FM
KMCI TV	Lawrence/KC	KTPK FM	WDAF FM
KMZA FM	Senca	KIN	KTPK FM
KNBU FM	Baldwin City	WIBW FM	KTPK FM
KNDY AM/FM	Marysville	KIN	KTPK FM
KNGM FM	Emporia	KVOE FM	KTPK FM
KNZA FM	Hiawatha	KIN	KTPK FM
KOFO AM	Ottawa	KIN	KTPK FM
KQTP FM	St. Marys	WIBW FM	KTPK FM
KQTP FM	Topeka(St. Marys)	WIBW FM	KTKP FM
KSNP FM	Burlington	WIBW FM	KANS FM
KSNT TV	Topeka	WIBW FM	KTPK FM
KTJO FM	Ottawa	WIBW FM	KTPK FM
KTKA TV	Topeka	WIBW FM	KTPK FM
KTOP AM	Topeka	WIBW FM	KTPK FM
KTPK FM	Topeka	WDAF FM	WIBW FM
KTWU TV	Topeka	WIBW FM	KTPK FM
KVOE AM/FM	Emporia	KIN	KTPK FM
KWIC FM	Topeka	WIBW FM	KTPK FM
WIBW TV	Topeka	WIBW FM	KTPK FM
WIBW AM/FM	Topeka	KCMO FM	WHB AM & KTPK FM
Wichita Operational Area			
KAKE TV	Wichita	KWSJ FM	KFDI FM
KANR FM	Belle Plaine	KWSJ FM	KOEZ FM
KAYY FM	Wichita(Clearwater)	KEYN FM	KFDI FM
KAZY FM	Winfield	KIN	KYQQ FM
KBBE FM	Mc Pherson	KIN	KSAJ FM
KBCU FM	North Newton	KOEZ FM	KSAJ FM
KCFN FM	Wichita	KWSJ FM	KFDI FM
KCVW FM	Wichita	KEYN FM	KFDI FM
KDDM FM	Herington	KEYN FM	KFDI FM
KDGS FM	Andover	KEYN FM	KFDI FM
KEYN FM	Wichita	KIN	KOEZ FM
KFDI AM/FM	Wichita	KEYN FM	KOEZ FM
KFH AM	Wichita	KIN	KOEZ FM

Station Monitoring Assignments

Station	City of License	<u>Monitoring Assignment</u>	
		#1	#2
KGGG FM	Sterling	KIN	KOEZ FM
KHCC FM	Hutchinson	KHUT FM	KOEZ FM
KHUT FM	Hutchinson	KIN	KOEZ FM
KIBN FM	Wichita	KEYN FM	KFDI FM
KICT FM	Wichita	KKRD FM	KOEZ FM
KJRG AM	Newton	KIN	KYEZ FM
KKLE AM	Winfield	KIN	KFDI FM
KKRD FM	Wichita	KIN	KFDI FM
KLEY AM	Wellington	KIN	KFDI FM
KLLS FM	Augusta	KEYN FM	KOEZ FM
KMUW FM	Wichita	KKRD FM	KOEZ FM
KMYR AM	Wichita	KEYN FM	KFDI FM
KNGL AM	Mc Pherson	KIN	KSAJ FM
KNSS AM	Wichita	KIN	KFDI FM
KOEZ FM	Newton	KIN	KYEZ FM
KOTE FM	Eureka	KIN	KYQQ FM
KPTS TV	Hutchinson	KFH AM	KOEZ FM
KQAM AM	Wichita	KIN	KOEZ FM
KQNS FM	Lindsborg	KYEZ FM	KSAJ FM
KRBB FM	Wichita	KIN	KOEZ FM
KRZZ FM	Derby	KIN	KFDI FM
KSAS TV	Wichita	KKRD FM	KFDI FM
KSGL AM	Wichita	KEYN FM	KOEZ FM
KSKU FM	Lyons	KIN	KOEZ FM
KSNW TV	Wichita	KWSJ FM	KOEZ FM
KSOK FM	Winfield	KIN	KYQQ FM
KSOK AM	Arkansas City	KIN	KYQQ FM
KSPG FM	Clearwater	KKRD FM	KOEZ FM
KSRX AM	El Dorado	KEYN FM	KFDI FM
KSWC FM	Winfield	KKLE FM	KYQQ FM
KTCM FM	Kingman	KWSJ FM	KHUT FM
KTLI FM	El Dorado	KEYN FM	KFDI FM
KWBW AM	Hutchinson	KIN	KOEZ FM
KWCH TV	Hutchinson	KWSJ FM	KFDI FM
KWME FM	Wellington	KIN	KFDI FM
KXLK FM	Wichita(Haysville)	KIN	KOEZ FM
KYFW FM	Wichita	KEYN FM	KFDI FM
KYQQ FM	Arkansas City	KEYN FM	KOEZ FM
KZSN AM	Wichita	KEYN FM	KFDI FM
KZSN FM	Hutchinson	KEYN FM	KFDI FM

ANNEX I
KANSAS EAS OPERATIONAL AREAS

ANNEX J

KANSAS NATIONAL WEATHER SERVICE TRANSMITTER SITES